Appendix G: Survey Form

U.S. DEPARTMENT OF EDUCATION NATIONAL CENTER FOR EDUCATION STATISTICS WASHINGTON, D.C. 20208-5651

ADVANCED TELECOMMUNICATIONS IN U.S. PUBLIC SCHOOLS, K-12

FORM APPROVED O.M.B. NO.: 00706

EXPIRATION DATE: 12/31/95

FAST RESPONSE SURVEY SYSTEM

This survey is authorized by law (20 U.S.C. 1221e-1). While you are not required to respond, your cooperation is needed to make the results of this survey comprehensive, accurate, and timely.

DEFINITIONS

Advanced telecommunications - refers to modes of communication used to transmit information from one place to another including broadcast and interactive television, networked computers, etc.

Broadcast television - refers to network television such as NBC, CBS, etc.

Cable television - refers to subscription television such as CNN, Learning Channel, Discovery, etc.

Closed-circuit television - refers to the transmission of television on noncommercial lines (e.g., inhouse broadcast).

E-mail (Electronic mail) - refers to text messages transmitted across networks and usually accessible only by the addressee.

56Kb - refers to a digital transmission speed of 56 Kilo (thousand) bits per second.

Instructional rooms - refers to rooms in the school building used for any instructional purposes (includes classrooms, labs, media centers, art rooms, rooms used for vocational or special education, etc.).

Internet - refers to a network of networks all running the TCP/IP protocols, sharing the same underlying network address space as well as the same domain name space, and interconnected into a network of information.

ISDN (Integrated Services Digital Network) - refers to data communication that integrates voice and data.

Local area network - refers to the linkage of computers and/or peripherals (e.g., printer) confined to a limited area that may consist of a room, building, or campus that allows users to communicate and share information.

Modem - a device which connects between a computer and a phone line to translate between the digital signal of the computer and the analog signal required for telephone transmission.

Newsgroups - electronic conferences/discussion groups similar to mailists. Newsgroup messages, called articles, are not mailed to a subscriber's e-mailbox but are distributed to a subscribing system's news server. The single copy is then accessed by all users on their network-connected machines. Each newsgroup focuses on a subject area.

One-way video with two-way audio or two-way computer link - refers to the ability to transmit or receive picture in one direction with the capability to communicate in two directions (interactively) via computer or some audio method.

PPP (Point to Point Protocol) - refers to a protocol that allows a computer to use TCP/IP (Internet) protocols (and become a full-fledged Internet member) with a standard telephone line and a high speed modern. See SLIP.

SLIP (Serial Line Internet Protocol) - refers to a protocol that allows a computer to use TCP/IP (Internet) protocol using serial lines such as dial-up telephone lines. See PPP.

T1 rate - refers to a digital transmission speed of 1.544 Megg (million) bits per second.

Two-way video and audio - refers to the ability to transmit and receive pictures and sound simultaneously in real time.

Wide area network - refers to a data communications linkage designed to connect computers over distances greater than the distance transmitted by local area networks (e.g., building to building, city to city, across the country, or internationally), that allows users to communicate and share information.

World Wide Web (WWW) - refers to a system that allows access to information sites all over the world using a standard, common interface called hypertex to organize and search information. It simplifies the process of finding a site, connecting, locating the appropriate documents and downloading the information through the use of a browser (e.g., Netscape, MOSAIC).

AFFIX LABEL HERE

Name of person completing form:	Telephone:
Title/position:	
Best days and times to reach you (in case of questions):	
PLEASE RETURN COMPLETED FORM TO:	IF YOU HAVE ANY QUESTIONS, CONTACT:
WESTAT	Sheila Heaviside
1650 Research Boulevard	800-937-8281, ext. 8391
Rockville, Maryland 20850	Fax: 301-294-3992
Attention: 900181-Heaviside	F:mail: HFAVISS1@westat.com

The time required to complete this information collection is estimated to average 30 minutes per response, including the time to review instructions, search existing data resources, gather and maintain the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to: U.S. Department of Education, Washington, DC 20202-4651.

PLE	ASE REFER TO DEFINITIONS O	4 CO/	/ER P	AGE F	OR W	ORDS	IN IT	ALICS	3 .					
	Telecommunications													
	What is the total number of ins (including classiooms, compute													
	What is the total number of con	nputer	s in th	is scho	ool? _		Tot	al cor	nputer	S				
	Please indicate whether or not each type of equipment or service is available at this school, and where in the school it is located. Then provide the number of instructional rooms (include classrooms, computer and other labs, media centers, etc.) in which the equipment/service is available. (Circle yes or no or enter appropriate responses in each column for each item.)													
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	Equipment or service		ilable at hool	adr stra	In mini- ative ces?	tea	In icher ork- oms?	cł	in ass- oms?	com	in puter bs?	Libr	n rary/ edia ters?	Total numb instruction rooms with service (Columns
	a. Computers connected to a local area network	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
	b. Computer with modem	Yes		Yes	No	Yes	No		No	1	No	Yes	No	
	c. Computer with connection or access to a wide area network	Yes		Yes	No	Yes	No		No	Yes	No	Yes	No	
	d. Broadcast television	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
	e. Cable television	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
	f. Closed-circuit television	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
	g. One-way video with two- way audio or computer link	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
	h. Two-way video and audio.	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
	If you answered no to question	3a, c	olum	n 1, ch	eck h	ere ar	nd skip	to qu	uestior	5a.	D No	local a	irea ne	twork.
	Local Area Networking Cap	abili	ties											
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	a. Computers to a shared printe		•	•		-						_		
	b. Computers within the same r											· 2		3 3
	c. Computers in different rooms school campus for	in yo	ur sch	ool bui	lding	or on y	our					2		3
	d. Computers in your school wit network for	h a re	gional	, natio	nal, or	intern	ational					2		3
	Wide Area Networking Capa											_		·
	What type of access to the interr	net do	es this	schoo	l have	? (Cii	rde one	9.)						
	No access to the Internet			******							1	<u> </u>		
	Direct access to the Internet												ip to qu	estion 6)
	Access to the Internet through	anot	her wi	de area	a netw	rork						•	•	•
	(e.g., America Online, Prodig	y, CO	NNEC	T, etc.)					•••••	3	(Ski	p to au	estion 6)

Both direct access to the Internet and access through another wide area network........... 4 (Skip to question 6)

Yes, direct access to the Internet	is planned	4			1 (3	Skip to question 5c)
Yes, access through another wide					•	,
CompuServe, etc.) is planned		, •			2 (9	Skip to question 5c)
Yes, both direct access to the Inte						,
is planned						Skip to question 5 c)
No		,			4 (5	Skip to question 12)
If yes, by what year do you expect to	obtain ac	cess to the Interr	net? 19	(Skip i	to question	12)
Which of the following Internet resou each? (Circle all that apply.)	irces or ca	apabilities does y	our school hav	e and who	in your s	chool has access to
Resource/capability		Not available	Available for administrativ	e Avai	lable for achers	Available for students
a. E-mail		1	2		3	4
b. News groups		1	2		3	4
c. Resource location services (e.g., C Archie, Veronica, etc.)		1	2		3	4
d. World Wide Web Access (e.g., Brosuch as Netscape, MOSAIC)	,	1	2		3	4
e. Other (specify)	1	1	2	}	3	4
How many computers in this school h How many rooms used for instruction with access to the Internet?	nave acce			•	enters, etc	c.) have a computer
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a. No students have access				
b. All students have access				
c. Network access is restricted to specific grades				
d. Network access is restricted to those students currently e				
e. Network access is restricted to students in specific progra placement, remedial, etc.)				
f. Other (specify)				***
To what extent do each of the following groups have telecommunications activities? (Circle one for each item.)	a formal role	e in develo	oping your sc	hool's <i>advi</i>
	Not at all	Small extent	Moderate extent	e Larg exte
a Students	1	2	3	4
b. Teachers/Staff	1	2	3	4
c. Parents	1	2	3	4
d. School district		2	3	4
e. State Education Agency		2	3	4
f. Regional associations		2	3	4
g. Business leaders		2	3	4
•			=	
h. Institutions of higher education		2	3	4
i. Other community organizations (e.g., libraries)		2	3	4
j. Other (specify)	1	2	3	4
Barriers				
indicate to what extent the following are barriers to upgradifor each item.)	.	Not a	Minor Mod	lerate Ma
for each item.)		Not a barrier	Minor Mod barrier ba	lerate Ma rrier bar
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